## WHAT IS CLAIMED IS:

1. A method for bending a substantially plate-shaped, thermoplastic workpiece, comprising the steps of:

heating a bending region of the workpiece at least up to plasticization;

inserting a bending element into the workpiece up to an apex of a desired bend; and

bending the bending region about the bending element acting on the workpiece about a front end, relative to an insertion direction, of the inserted bending element.

- 2. The method according to claim 1, wherein the workpiece includes a sandwich panel.
- 3. The method according to claim 1, further comprising the step of heating the bending element.
- 4. The method according to claim 1, further comprising the steps of:

moving the bending element out of the workpiece after the bending step; and

sealing a gap that was created in the workpiece by the bending element in the inserting step.

- 5. The method according to claim 1, further comprising the step of repeating the heating, inserting and bending steps a plurality of times at various locations along the workpiece to generate a polyline.
- 6. A bending arrangement for hot bending a thermoplastic workpiece by a method that includes the steps heating a bending region of the workpiece at least up to plasticization, inserting a bending element into the workpiece up to an apex of a desired bend and bending the bending region about the bending element acting on the workpiece about a front end, relative to an insertion direction, of the inserted bending element, comprising:

- a bending element heatable at least in a region configured to penetrate the workpiece and having a suitable shape configured for insertion into the at least plasticized workpiece.
- 7. The arrangement according to claim 6, wherein the bending element includes at least one of a flat bar and a tube.